

Applicant's Copy



Attach to Paper #1103
09/888,049
Atty Dkt No. 9400-0013
PXE-013.US

TECH CENTER 1600/2900

OCT 19 2001

RECEIVED

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 1 of 3

In the Application of FRANCIS et al.

Serial No.: 09/888,049

Art Unit: ~~1619~~ 1636

Filed: July 21, 2001

Examiner: ~~Unassigned~~ D. LAMBERTSON

Title: COMPOSITIONS AND METHODS FOR USE THEREOF IN MODIFYING THE GENOMES OF MICROORGANISMS

U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
<u>DL</u>	AA-1	5,650,135	July 22, 1997	Contag et al.			
<u>DL</u>	AB-1	6,020,121	February 1, 2000	Bao et al.			
<u>DL</u>	AC-11	6,217,847	April 17, 2000	Contag et al.			

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES	Translation NO
<u>DL</u>	AD-1	WO 96/40979 A1	December 19, 1996	PCT				
<u>DL</u>	AE-1	WO 97/11690 A2,3	April 3, 1997	PCT				
<u>DL</u>	AF-1	WO 97/18841	May 29, 1997	PCT				
<u>DL</u>	AG-1	WO 97/40381 S1	October 30, 1997	PCT				
<u>DL</u>	AH-1	WO 99/14311	March 25, 1999	PCT				
<u>DL</u>	Ai-1	WO 00/36106	June 22, 2000	PCT				
<u>DL</u>	Aj-1	WO 01/18195 A2	March 15, 2001	PCT				
<u>DL</u>	Ak-1	WO 01/18225 A1	March 15, 2001	PCT				
<u>DL</u>	Al-1	WO 01/18195 A2	May 25, 2001	PCT				

Examiner:

David Lambertson

Date Considered:

11/10/03

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Atty Dkt No. 9400-001
PXE-013.US

RECEIVED
OCT 19 2001
TECH CENTER 1600/2900

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 2 of 3

In the Application of FRANCIS et al.

Serial No.: 09/888,049

Art Unit: ~~4619~~ 1634

Filed: July 21, 2001

Examiner: ~~Unassigned~~ D. LAMBERTSON

Title: COMPOSITIONS AND METHODS FOR USE THEREOF IN MODIFYING THE GENOMES OF MICROORGANISMS

DS	AM-1	EP 0 639 641 A	February 22, 1995	EPO	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
----	------	----------------	-------------------	-----	-------------------------------------	-------------------------------------	--------------------------	--------------------------

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
DS	AN-1	Hahn, T., et al., "Construction and Analysis of Modified Tn4001 Conferring Chloramphenicol Resistance in Mycoplasma Pneumoniae," <i>Plasmid</i> <u>41</u> :120-124 (1999)
DS	AO-1	Jacobs et al., "Highly Bioluminescent <i>Bacillus Subtilis</i> Obtained Through High-level Expression of a <i>luxAB</i> Fusion Gene," <i>Mol. Gen. Genet</i> <u>230</u> :251-256 (1991)
DS	AP-1	Phillips-Jones, M.K. "Bioluminescence (<i>lux</i>) Expression in the Anaerobe <i>Clostridium Perfringens</i> ," <i>FEMS Microbiology Letters</i> <u>106</u> :265-270 (1993)
DS	AQ-1	Loimaranta, et al., "Generation of Bioluminescent <i>Streptococcus</i> mutans and Its Usage in Rapid Analysis of the Efficacy of Antimicrobial Compounds" <i>Antimicrobial Agents and Chemotherapy</i> <u>42</u> (8):1906-1910 (1998)
DS	AR-1	Meighen, E.A., "Bacterial Bioluminescence: Organization, Regulation, and Application of the <i>lux</i> Genes," <i>BASEB Journal</i> <u>7</u> (11):1016-1022 (1993)
DS	AS-1	O'Connell, K.P., et al., "Identification of Cold Shock Gene Loci in <i>Sinorhizobium melilot</i> by Using a <i>luxAB</i> Reporter Transposon," <i>Appl. Environ. Microbiol.</i> <u>66</u> (1):401-405 (2000)
DS	AT-1	Roy, G., et al., "Episomal and Stable Expression of the Luciferase Reporter Gene for Quantifying <i>Leishmania</i> SPP. Infections in Macrophages and in Animal Models," <i>Molecular and Biochemical Parasitology</i> <u>110</u> :195-206 (2000)

Examiner:

David Lambertson

Date Considered:

11/10/03

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Atty Dkt No. 9400-0013
PXE-013.US

TECH CENTER 1600/2900

OCT 19 2001

RECEIVED

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 3 of 3

In the Application of FRANCIS et al.

Serial No.: 09/888,049

Art Unit: ~~4610~~-1634

Filed: July 21, 2001

Examiner: ~~Unassigned~~ D. LAMBERTSON

Title: COMPOSITIONS AND METHODS FOR USE THEREOF IN MODIFYING THE GENOMES OF MICROORGANISMS

Exam. Init.	Ref. Desig.	Description
DF	AU-1	Sibakov, M., et al., "Secretion of TEM β -Lactamase with Signal Sequences Isolated from the Chromosome of <i>Lactococcus lactis</i> subsp. <i>lactis</i> ," <i>Appl. Environ. Microbiology</i> <u>57</u> (2):341-348 (1991)
DF	AV-1	Sohaskey et al., "Construction and Application of Plasmid-and Transposon-Based Promoter-Probe Vectors for <i>Streptomyces</i> ssp. That Employ a <i>Vibrio harveyi</i> Luciferase Reporter Cassette," <i>Journal of Bacteriology</i> <u>174</u> (2):367-376 (1992)
DF	AW-1	Steidler, et al., "The Expression of <i>Photinus pyralis</i> Luciferase Gene in <i>Staphylococcus aureus</i> Cowan I allows the Development of a Live Amplifiable Tool for Immunodetection" <i>Applied and Environmental Microbiology</i> <u>62</u> (7):2356-2359 (1996)
DF	AX-1	Steinmann, et al., "Saturation Mutagenesis in <i>Escherichia coli</i> of a Cloned <i>Xanthomonas campestris</i> DNA Fragment with the <i>lux</i> Transposon Tn4431 Using the Delivery Plasmid pDS1, Thermosensitive in Replication," <i>Appl. Microbiol. Biotechnol.</i> <u>40</u> :356-360 (1993)
DF	AY-1	Ulitzur, S., J. "Established Technologies and New Approaches in Applying Luminous Bacteria for Analytical Purposes," <i>Biolumin Chemilumin.</i> <u>12</u> :179-92 (1997)
DF	AZ-1	Zhang et al., "Bioluminescence for Biological Sensing in Living Mammals," <i>Oxygen Transport to Tissue XXI</i> , edited by Eke and Delpy. Kluwer Academic/Plenum Publishers, New York, (1999)

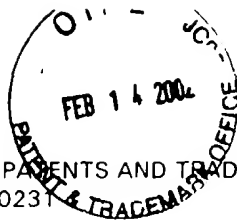
Examiner:

David Lambertson

Date Considered:

11/10/03

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Applicant's Copy

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

COPY OF PAPERS
ORIGINALLY FILED

Attach to Paper #110
09/888,049
City Dkt No. 9400-0013

RECEIVED

APR 11 2002

TECH CENTER 1600/2900
RECEIVED

FEB 21 2002

TECH CENTER 1600/2900

FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 1 of 1

In the Application of FRANCIS et al.

Serial No.: 09/888,049

Art Unit: ~~1019~~ 1634

Filed: July 21, 2001

Examiner: Kimberly White D. LAMBERTSON

Title: COMPOSITIONS AND METHODS FOR USE THEREOF IN MODIFYING THE GENOMES OF MICROORGANISMS

U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
DL	AA-2	5,900,362	May 4, 1999	Eberz et al.			

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES NO
DL	AB-2	EP 1 016 419	July 5, 2000	EPO			
DL	AC-2	FR 2 693 475 A	January 14, 1994	France			X

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
DL	AD-2	Francis et al., "Monitoring Bioluminescent Staphylococcus Aureus Infections in Living Mice Using a Novel LuxABCDE Construct," <i>Infection and Immunity</i> 68(6):3594-3600 (2000)
DL	AE-2	Kozlowski et al., "Vectors Permitting Visual Monitoring of Simple Transposition Events," <i>Gene</i> 80(2):217-225 (1989)
DL	AF-2	Lunsford, Dwayne R., "A Tn4001 Delivery System for Streptococcus Gordonii," <i>Plasmid</i> 33(2):153-157 (1995)

Examiner:

David Lambertson

Date Considered:

11/10/03

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's Copy

Attach to Paper #1103
09/888,049
Atty Dkt No. 9400-0013
PXE-013.US

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



FORM PTO-449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 1 of 2

RECEIVED
APR 11 2002
TECH CENTER 1600/2900

In the Application of FRANCIS et al.

Serial No.: 09/888,049

Art Unit: 1019-1634

Filed: June 21, 2001

Examiner: Unassigned D. LAMBERTSON

Title: COMPOSITIONS AND METHODS FOR USE THEREOF IN MODIFYING THE GENOMES OF MICROORGANISMS

U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
	AA-2						

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES	NO
DS	AB-2	WO 90/04041	April 19, 1990	PCT				
DS	AC-2	WO 93/16172	August 19, 1993	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
DS	AD-2	Bianchi et al., "Stress Responses as a Tool to Detect and Characterize the Mode of Action of Antibacterial Agents," <i>Applied and Environmental Microbiology</i> 65(11):5023-5027 (1999)
	AE-2	Francis et al., "Monitoring Bioluminescent <i>Staphylococcus aureus</i> Infections in Living Mice Using a Novel <i>lux</i> ABCDE Construct," <i>Infection and Immunity</i> 68(6):3594-3600 (2000)

Examiner:

David Lambertson

Date Considered:

11/16/03

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include copy of this form with next communication to applicant

Atty Dkt No. 9400-0013
PXE-013.US

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 2 of 2

RECEIVED
APR 11 2002
TECH CENTER 1600/2900
RECEIVED
MAR 06 2002
TECH CENTER 1600/2900

In the Application of FRANCIS et al.

Serial No.: 09/888,049

Art Unit: ~~1619~~ 1634

Filed: June 21, 2001

Examiner: ~~Unassigned~~ D. LAMBERTSON

Title: COMPOSITIONS AND METHODS FOR USE THEREOF IN MODIFYING THE GENOMES OF MICROORGANISMS

Exam. Init.	Ref. Desig.	Description
DS	AF-2	Lingnau et al., "Expression of the <i>Listeria Monocytogenes</i> EGD <i>inlA</i> and <i>inlB</i> Genes, Whose Products Mediate Bacterial Entry into Tissue Culture Cell Lines, by PrfA-Dependent and -Independent Mechanisms," <i>Infection and Immunity</i> <u>63</u> (10):3896-3903 (1995)
DS	AG-2	Loessner et al., "Structural Proteins and DNA Characteristics of 14 <i>Listeria</i> Typing Bacteriophages," <i>Journal of General Virology</i> <u>75</u> :701-710 (1994)
DS	AH-2	Loessner and Scherer, "Organization and Transcriptional Analysis of the <i>Listeria</i> Phage A511 Late Gene Region Comprising the Major Capsid and Tail Sheath Protein Genes <i>cps</i> and <i>tsh</i> ," <i>Journal of Bacteriology</i> <u>177</u> (22):6601-6609 (1995)

Examiner: David Lambertson

Date Considered: 11/10/03

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include copy of this form with next communication to applicant.